<!--StartFragment-->US-10-179-373-17
; Sequence 17, Application US/10179373
; Publication No. US20030232407A1
; GENERAL INFORMATION:
; APPLICANT: ZOLLER, MARK
; APPLICANT: LI, XIAODONG
; APPLICANT: STASZEWSKI, LENA
; APPLICANT: O'CONNELL, SHAWN
; APPLICANT: ZOZULYA, SERGEY
; APPLICANT: ADLER, JON
; APPLICANT: XU, HONG
; APPLICANT: ECHEVERRI, FERNANDO
; TITLE OF INVENTION: T1R HETERO-OLIGOMERIC TASTE RECEPTORS AND CELL LINES
; TITLE OF INVENTION: THAT EXPRESS SAID RECEPTORS AND USE THEREOF FOR
; TITLE OF INVENTION: IDENTIFICATION OF TASTE COMPOUNDS
; FILE REFERENCE: 078003-0291566
; CURRENT APPLICATION NUMBER: US/10/179,373
; CURRENT FILING DATE: 2002-06-26
; PRIOR APPLICATION NUMBER: 60/300,434
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/304,749
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/310,493
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/331,771
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: 60/339,472
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 60/372,090
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/374,143
; PRIOR FILING DATE: 2002-04-22
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 843
; TYPE: PRT
; ORGANISM: Rattus sp.
US-10-179-373-17

Query Match 91.9%; Score 4134; DB 4; Length 843;
Best Local Similarity 91.0%; Pred. No. 0;
Matches 767; Conservative 34; Mismatches 42; Indels 0; Gaps 0;

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Qy        121 IDDFLPILKDYSQYRPQVVAVIGPDNSESAITVSNILSYFLVPQVTYSAITDKLQDKRRF 180
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Db        181 PSMLRTVPSATHHIEAMVQLMVHFQWNWIVVLVSDDDYGRENSHLLSQRLTKTSDICIAF 240

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Db        361 TTCNQDCDACLNTTKSFNNILILSGERVVYSVYSAVYAVAHALHRLLGCNRVRCTKQKVY 420

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Qy        481 YISNVSWYTPNNTVPISMCSKSCQPGQMKKPIGLHPCCFECVDCPPDTYLNRSVDEFNCL 540
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Db        481 YINNVSWYTPNNTVPVSMCSKSCQPGQMKKSVGLHPCCFECLDCMPGTYLNRSADEFNCL 540

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Qy        781 CTFMSVHDGVLVTIMDLLVTVLNFLAIGLGYFGPKCYMILFYPERNTSAYFNSMIQGYTM 840
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Qy        841 RKS 843
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Db        841 RKS 843
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; Publication No. US20030232407A1
; GENERAL INFORMATION:
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;  APPLICANT:  XU, HONG
;  APPLICANT:  ECHEVERRI, FERNANDO
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;  NUMBER OF SEQ ID NOS: 19
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
;   LENGTH: 843
;   TYPE: PRT
;   ORGANISM: Rattus sp.
US-10-179-373-17

  Query Match             100.0%;  Score 4494;  DB 4;  Length 843;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches  843;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Db          1 MGPQARTLCLLSLLLHVLPKPGKLVENSDFHLAGDYLLGGLFTLHANVKSISHLSYLQVP 60

Qy         61 KCNEFTMKVLGYNLMQAMRFAVEEINNCSSLLPGVLLGYEMVDVCYLSNNIHPGLYFLAQ 120
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Db        481 YINNVSWYTPNNTVPVSMCSKSCQPGQMKKSVGLHPCCFECLDCMPGTYLNRSADEFNCL 540

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Qy        601 RSAGGPMCFLMLVPLLLAFGMVPVYVGPPTVFSCFCRQAFFTVCFSICLSCITVRSFQIV 660
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Db        601 RSAGGPMCFLMLVPLLLAFGMVPVYVGPPTVFSCFCRQAFFTVCFSICLSCITVRSFQIV 660

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